

Business PreCalculus MATH 1643 Section 004, Spring 2014
Answer key: worksheet 5

1- Answers:

a. $\frac{2x+h-2\sqrt{x(x+h)}}{h}$

b. $\frac{x\sqrt{2-x^2}}{2-x^2}$

c. $\frac{a^2x+6a\sqrt{x}+9}{a^2x-9}$

2- Answers:

a. $\sqrt[3]{3xy^2}$

b. $\sqrt{m} \sqrt[12]{n^5}$

c. $\sqrt[10]{63ab}$

3- Answers:

a. $(2x - y)^2\sqrt{3xy}$

b. $10\sqrt[3]{2x}$

c. $(10x^2 + 7x - 18)\sqrt{2x}$